SEQUENCE LISTING

<110> Dwulet, Francis
      McCarthy, Robert
      Balgobin, Neil

<120> ENZYME/TAG BINDING AND DETECTION SYSTEM

<130> BMID 9809US

<160> 13

<170> PatentIn version 3.0

<210> 1
<211> 10
<212> PRT
<213> mammalian

<220>
<221> misc_feature
<222> (4)..(4)
<223> the amino acid at this position can be lysine or arginine

<220>
<221> misc_feature
<222> (5)..(5)
<223> the amino acid at this position can be glycine or alanine

<220>
<221> misc_feature
<222> (6)..(6)
<223> the amino acid at this position can be arginine, glycine or serin

<400> 1

Gly Pro Cys Xaa Xaa Xaa Phe Ile Arg Tyr
1   5   10

<210> 2
<211> 11
<212> PRT
<213> mammalian

<220>
<221> misc_feature
<222> (1)..(1)
<223> the amino acid at this position can be asparagine or glycine

<220>
<221> misc_feature
<222> (4)..(4)
<223> the amino acid at this position can be proline or threonine

<220>
<221> misc_feature
<222> (5)..(5)
<223> the amino acid at this position can be lysine or arginine

<220>
<221> misc_feature
<222> (8)..(8)
<223> the amino acid at this position can be asparagine or aspartate

<400> 2

Xaa Gly Cys Xaa Xaa Ile Tyr Xaa Pro Val Cys
1   5   10

<210> 3
<211> 9
<212> PRT
<213> snake venom

<220>
<221> misc_feature
<222> (2)..(2)
<223> the amino acid at this position can be arginine or leucine

<400> 3

Gly Xaa Cys Lys Ala His Ile Pro Arg
1   5

<210> 4
<211> 9
<212> PRT
<213> plant protease inhibitors

<220>
<221> misc_feature
<222> (1)..(1)
<223> the amino acid at this position can be arginine or proline

<220>
<221> misc_feature
<222> (2)..(2)
<223> the amino acid at this position can be leucine or proline

<220>
<221> misc_feature
<222> (4)..(4)
<223> the amino acid at this position can be isoleucine or serine

<220>
<221> misc_feature
<222> (5)..(5)
<223> the amino acid at this position can be threonine or arginine

<400> 4

Xaa Xaa Arg Xaa Xaa Phe Ile Pro Asp
1   5

<210> 5
<211> 11
<212> PRT
<213> plant protease inhibitors

<220>
<221> misc_feature
<222> (5)..(5)
<223> the amino acid at this position can be lysine or arginine

<400> 5

Cys Ile Cys Thr Xaa Ser Ile Pro Pro Gln Cys
1   5   10

<210> 6
<211> 10
<212> PRT
<213> bird egg white trypsin inhibitors

<220>
<221> misc_feature
<222> (4)..(4)
<223> the amino acid at this position can be lysine or arginine

<220>
<221> misc_feature
<222> (7)..(7)
<223> the amino acid at this position can be serine or lysine

<400> 6

Val Ala Cys Xaa Ile Leu Xaa Pro Val Cys
1   5   10

<210> 7
<211> 10
<212> PRT
<213> bovine basic pancreatic trypsin inhibitor

<400> 7

Gly Pro Ser Lys Ala Arg Ile Ile Arg Tyr
1   5   10

<210> 8
<211> 10
<212> PRT
<213> Soybean Kunitz protease inhibitor

<400> 8

Ser Pro Tyr Arg Ile Arg Phe Ile Ala Glu
1   5   10

<210> 9
<211> 10
<212> PRT
<213> Soybean Bowman-Birk protease inhibitor

<400> 9

Ala Ser Thr Lys Ser Asn Pro Pro Gln Ser
1   5   10

<210> 10
<211> 10
<212> PRT
<213> Sand Viper venom protease inhibitor

<400> 10

Gly Arg Ser Lys Ala His Ile Pro Arg Phe
1   5   10

<210> 11
<211> 10
<212> PRT
<213> Bovine secretory protease

<400> 11

Gly Ser Pro Arg Ile Tyr Asn Pro Val Ser
1   5   10

<210> 12
<211> 10
<212> PRT
<213> Chicken ovomucoid domain 3 protease

<400> 12

Val Ala Ser Arg Ile Leu Ser Pro Val Ser
1   5   10

<210> 13
<211> 10
<212> PRT
<213> Chicken ovomucoid domain 4 protease

<400> 13

Val Ala Ser Arg Ile Leu Leu Pro Val Ser
1   5   10

INPUT SEQ: G:\CORE\IPLD\IDs\9600-
9899\9809us\Sequence listing docs\BMID 9809US.ST25(Version 2).txt

GENERAL INFORMATION SECTION

```
        3,<110> Dwulet, Francis
        4,       McCarthy, Robert
        5,       Balgobin, Neil
        7,<120>  ENZYME/TAG BINDING AND DETECTION SYSTEM
        9,<130>  BMID 9809US
       11,<160>  13
       13,<170>  PatentIn version 3.0
```

ERRORED LINES SECTION

```
W-->      41 Gly Pro Cys Xaa Xaa Xaa Phe Ile Arg Tyr
W-->      75 Xaa Gly Cys Xaa Xaa Ile Tyr Xaa Pro Val Cys
W-->      91 Gly Xaa Cys Lys Ala His Ile Pro Arg
W-->     125 Xaa Xaa Arg Xaa Xaa Phe Ile Pro Asp
W-->     141 Cys Ile Cys Thr Xaa Ser Ile Pro Pro Gln Cys
W-->     163 Val Ala Cys Xaa Ile Leu Xaa Pro Val Cys
```

STATISTICS SUMMARY

```
    Application Serial Number:
            Alpha or Numeric: Numeric
           Application Class:
       Application File Date:
                   Art Unit:
        Software Application: PatentIn
    Total Number of Sequences: 13
           Total Nucleotides: 0
           Total Amino Acids: 130
            Number of Errors: 0
          Number of Warnings: 6
       Number of Corrections: 0
```